

S/022/60/013/002/007/007
C 111/ C 333

Transition Radiation to Front

The author thanks G. M. Garibyan and A. Ts. Amatuni for discussion and remarks.

There are 3 Soviet references.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)

SUBMITTED: October 31, 1959

Card 2/2

KORAKHONOV, E.

Yilda Uzbekiston SSR Dagi Oliy Va Urta Makhsus Uquv Yurtlariga Kiruvchilar Uchun
Spravochnik (Guidebook for Entrants to High and Intermediate Special Institutions of
Learning in The Uzbek SSR During 19) Toshkent, UZSSR Davlat Uquv Pedagogika
Nashriyati, 1953

I v. (V.-P

Lib. Has: 1953

SO: 42N/5
831.2
.K8

KERESZTURY, Sandor, dr.; KORAKO, Agnes, dr.; GAL, Janos, dr.

Retrospective observations on lymph node changes in children. Gyermekgyógyászat 12 no.11:349-352 N '61.

1. A debreceni Orvostudományi Egyetem Kóronctani Intézete (Igazgató: Endes Pongrac dr. egyetemi tanár), Gyermekklinika (Igazgató: Kulin László dr. egyetemi tanár) és I.sz. Sebészeti Klinikája (Igazgató: Szeleczky Gyula dr. egyetemi tanár)

(LYMPH NODES pathol)

KORAL, B.

Standardization in the agricultural and food industries. p. 487.

PRZEMYSŁ SPOŻYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955.

SOURCE: East European Accessions List (EEAL) LC, VOL. 5, no. 3, Mar. 1956.

KORAL, B.

A conference of the baking industry.

P. 317 (PREZEMYSŁ SPOŻYWCY) (Warsaw, Poland) Vol. 11, no. 7, July 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5. 1958

Card 1/1

18

KORAL, V.;POKORNY, Z.

Thermal denaturation of catalase in rat liver. Cesk. fysiол. 9 no.1:
27 Ja 60.

1. Ustav patologické fysiologie FVL KU, Praha.
(LIVER chem.)
(CATALASE, chem.)

JANOUSEK, V.; KORAL, V.; POKORNY, Zd.

Contribution to the study on changes of liver catalase in
experimental porphyria. Acta univ. carol [med.] Suppl. 14:69-74
'61.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecneho
lekarstvi University Karlovy v Praze prednosta prof. dr. J.Hepner.
(CATALASE metab) (LIVER metab)
(PORPHYRIA exper)

POKORNY, Zdenek; KORAL, Vaclav; SULC, Karel

Denaturation kinetics of proteins as a method of investigation in pathologic physiology. Cas. lek. cesk. 101 no.29/30:888-893
20 J1 '62.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. J. Hepner.

(PROTEINS chemistry)

KORAL, V.; POŘORNÝ, Z.; JAMOUSEK, V.

Changes of denaturation kinetics of liver catalase in some pathological conditions. Acta univ. carol [med.] Suppl. 14: 75-82 '61.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecneho
lekarstvi University Karlovy v Praze prednosta prof. dr. J. Hepner.
 (LIVER metab) (CATALASE metab)
 (RADIATION INJURY exper) (STARVATION exper)

KOHOUT, J.; KORBOVA, L.; KORAL, V.; BLAZEK, K.

Central nervous influences on the denaturation of pepsin. Activ.
nerv. sup. 4 no.3/4:466-470 '62.

1. Fourth Clinic of Internal Medicine Inst. of Experimental Pathology
Central Biochemical Laboratory, Charles University, Prague.
(REFLEX CONDITIONED) (PEPSIN) (GASTRIC JUICE)
(CENTRAL NERVOUS SYSTEM)

KORAL, V.

On the problem of models of biological functions. Activ.
nerv. sup. 5 no.4:444-448 '63.

1. Ustav patologické fyziologie fakulty všeobecného lékařství
KU v Praze.

*

SOVA, J.; KOLAR, M.; KORAL, V.

Our experiences with radiocardiography. Acta univ. Carol [med]
(Praha): Suppl. 18: 13-17 '64.

1. II. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. F. Herles); Biofysikalni
ustav fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: doc. dr. Z. Dienstbier) a Ustav pro vseobecnou a
pokusnou patologii fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. J. Hepner).

CZECHOSLOVAKIA

KORAL, Vaclav, Dr. CSc; Institute of Pathological Physiology, Faculty of
General Medicine, Charles University, Prague

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007

"A Contribution to the Theory of Isotopic Metabolic Experiments."

Prague, Kybernetika, Vol 2, No 3, 66, pp 226-242

Abstract [English article, Author's English and Czech summaries, modified]:
The problems of a certain type of isotopic metabolic experiments are discussed.
A mathematical model of the metabolism is formulated containing the basic types
of chemical reactions that take place in the living organism. Three states of
the system, I, N and S, were distinguished on the basis of the course of the
rate constants or matter concentrations in time t_0 . Next, the kinetics of cer-
tain labeled and nonlabeled substances in the biological system were studied, and
the factors were discussed which influence the metabolism kinetics in the liv-
ing organism. In conclusion, the usefulness of isotopic metabolic experiments
is evaluated in various states of the biological system. One Western and two
Soviet-bloc references. Manuscript received 30 Sep 65.

CZECHOSLOVAKIA

KORAL, V.; VALENTA, J.; Institute of Pathological Physiology,
Faculty of General Medicine, Charles University (Ustav Patologic-
ke Fyziologie FVLKU), Prague.

L 45086-66

ACC NR: AP6027202

SOURCE CODE: CZ/0088/66/000/003/0226/0242

AUTHOR: Koral, V. (Doctor; Candidate of Sciences)

ORG: Institute of Pathological Physiology, Faculty of General Medicine, Charles University, Prague

TITLE: A contribution to the theory of isotopic metabolic experiments

SOURCE: Kybernetika, v. 2, no. 3, 1966, 226-242

TOPIC TAGS: biologic metabolism, isotope, mathematic analysis, mathematic model

ABSTRACT: The paper examines the theory and utility of isotopic metabolic experiments. A mathematical model of metabolism is formulated and presented as a homomorphous model system on which the basic types of chemical interactions of organism compounds under various conditions are analyzed and studied in their relation to time and space. Three states of the metabolic system are defined in regard to the dynamic inequilibrium and concentration of matters, i. e., the general state, the steady, and the nonsteady state. The analog representation of the second and

Cord 1/2

1/2

SYNAK, Yu. [Synak, J.] (Bratislava, Chekhoslovatskaya Sotsialisticheskaya
Respublika); GRNCHAR, Ya. [Hrncar, J.] (Bratislava, Chekhoslovat-
skaya Sotsialisticheskaya Respublika); KORAL'CHUK, I.I. [translator]

New herbicide. Zashch. rast. ot vred. i bol. 8 no.4:52-53 Ap '63.
(Herbicides) (Triazine) (MIRA 16:10)

MOLOCHNIKOV, I.M.; CHISTOSERDOV, B.P.; KOKOVA, V.A.; KORALEVA, M.P.

Effect of methods employed in the production of hydrogen
on the technical and economic indices of petrochemical and
petroleum refining production. Trudy BashNII NP no.7:
175-177 '64.
(MIRA 17:9)

KORAJEWSKI, E.

ROK equipment for automatic loading. Biuletyn Mech.

p. 5 (Przegląd Gorniczy. Vol. 12, no. 7/8, July/Aug. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

KORALEWSKI, Eugeniusz, inz.

A way of passing through water-carrying throw tunnels. Wiadom gorn 13
no. 5:166-170 My 62.

KORALEWSKI, Eugeniusz, inz.

Universal working end tub shifter. Wiadom gorn 13 no.12:446-447
D '62.

KORALEWSKI, NORBERT

Distr: 4E2c(m)

27 Automatic nitrogen oxide analyzer in the production of sulfuric acid by the chamber process. Zenon Brauze, Jerzy Dankiewicz, Norbert Koralewski, and Julius Wesołowski (Inst. Sulfuric Acid and Phosphoric Fertilizers, Lubon, Poland). *Przemyśl Chem.* 38, 371-8 (1959).—In order to control the NO:NO₂ ratio in the gas for the absorption step in the chamber process, an automatic analyzer was designed to measure the concn. of NO₂ in the system and the sum of concns. of the latter and of NO₂ arising from oxidizing NO in the analyzer. For this purpose the photocolormeter (Visomat, type KWR) was used. It was standardized by NO₂ obtained as NO from HNO₃ in the reaction with Hg and H₂SO₄, followed by oxidn. with air. Photoelements, "Spezial Blau," and blue filters of BG12 type were used. The presence of O, N, SO₂, NO, H₂O, and HNO₃ did not interfere. The error of the photocolormeter was not higher than 1% of the range measured. The gases were purified from the H₂SO₄ suspension by a system of small cyclones and drying tubes.

J. Gallus-Olender

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KORALKA, J.

GEOGRAPHY & GEOLOGY

Periodicals: ZA KRASAMI DOMOVA Vol. 4, no. 7, July 1958.

KORALKA, J. Political meeting of Czechs and Germans in the foothills of the Jested mountain, in 1870; from the history of outdoor public meetings. p. 148.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KORALIOVA, V.V.

Eocene spore-pollen complexes in the eastern part of the Black Sea Depression. Izv. vys. ucheb. zav.; geol. i razv. 7 no.5: 138-140 My '64. (MIRA 18:3)

1. Nauchno-issledovatel'skiy institut geologii Dnepropetrovskogo gosudarstvennogo universiteta.

KORALLOVA, V.V.

Khadum spore and pollen complexes from the Oligocene deposits of
the eastern Black Sea region. Dokl. AN SSSR 148 no.5:1162-1163
F '63. (MIRA 16:3)

1. Nauchno-issledovatel'skiy institut geologii pri Dnepropetrovskom
gosudarstvennom universitete. Predstavleno akademikom A.L.Yanshinym.
(Kherson Province--Paleobotany)

KORALLOVA, V.V.

Spore and pollen complexes of the Upper and Middle Miocene of
the northern part of the Black Sea Lowland. Ukr. bot. zhur.
19 no.4:55-62 '62. (MIRA 15:9)

1. Dnepropetrovskiy gosudarstvennyy universitet, Nauchno-issledo-
vatel'skiy institut geologii.
(Black Sea region--Palynology)

KORALLOVA, V.V.

Palynological characteristics of Maikop sediments in the
northern part of the eastern Black Sea region (Ukrainian
S.S.R.) Sov. geol. 7 no.4:119-125 Ap'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut geologii
Dnepropetrovskogo gosudarstvennogo universiteta.

RUBIN, L.R.; ZHEKOVA, I.A.; KORAL'NIK, L.N.

Clinical and morphological examinations of teeth with inflamed
pulp. Stomatologiya 38 no.1:34-40 Ja-F '59. (MIRA 12:3)

1. Iz Moskovskogo meditsinskogo stomatologicheskogo instituta
(dir. - dots. G. N. Beletskiy)
(TEETH--DISEASES)

S/079/60/030/05/49/074
B005/B125

AUTHORS: Abdurasuleva, A. R., Koral'nik, N. G.

TITLE: Cycloalkylation of Phenols and Phenol Ethers. IV. Condensation of 1,1 and 1,2-Methyl Cyclohexanol With Phenol ✓

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 5, pp. 1635-1637

TEXT: In their investigation of the alkylation of phenols with cyclic alcohols the authors studied the condensation of phenol with 1,1 and 1,2-methyl cyclohexanol in the presence of AlCl_3 and H_3PO_4 as catalysts at various temperatures ($20-150^\circ\text{C}$). In the experiments with phosphoric acid as a catalyst the same conditions were met as in the analogous reaction of the cyclohexanol (Ref. 9); in the condensation with AlCl_3 as catalyst equimolecular amounts of cyclic alcohol and aluminum chloride with an eight-fold excess of phenol were caused to react. The reaction mixture was heated for five hours in a double boiler, irrespective of the catalyst used. In the condensation of both of the aforementioned cyclic alcohols with phenol, 4-(1-methyl cyclohexyl)-phenol forms as the major

Card 1/3

Cycloalkylation of Phenols and Phenol Ethers.
IV. Condensation of 1,1 and 1,2-Methyl Cyclo-
hexanol With Phenol

S/079/60/030/05/49/074
B005/B125

ASSOCIATION: Sredneaziatskiy gosudarstvennyy universitet (Central Asia
State University)

SUBMITTED: May 4, 1959

Card 3/3

KORALOV, G.

"A Resonance Wavemeter," G. Koralov, Leningrad

Radio, No 4, pp 37-38

The wavemeter described can be used to measure wavelengths from 10 to 3.16 m (30-95 Mc). A moving-coil microammeter (100 μ a required for full-scale deflection) serves as the indicator.

25 T42

Z/019/62/019/004/002/003
D006/D102

AUTHOR: Koralun, M.

TITLE: Automatic voltage regulator of electrostatic precipitators

PERIODICAL: Přehled technické a hospodářské literatury, Energetika a elektro-
technika, v. 19, no. 4, 1962, 172, abstract # E 62-2329, Biul. Inst.
Energetiky 3, no. 5/6, May/June 1961, 19-22

TEXT: The paper covers the following topics: the determination of the
theoretical and operation-proved dependence of the electrostatic-precipitator
efficiency on voltage; reasons why voltage regulation is necessary for varying
fly-ash contents in flue gases, or for varying quantities of the gas to be puri-
fied; a proposal for an automatic voltage regulation based on the monitoring of
the flash-over voltage of the separator, or on the monitoring of the mean flash-
over rate in the separator. Experimental determination of the dependence of the
flash-over rate on voltage, and the dependence of the separator efficiency on
the flash-over rate are also dealt with. The original paper contains 10 figures
and 3 references. [Abstracter's note: Complete translation.]

Card 1/1

KONKOL, Jerzy, mgr.inz.; KORALUN, Marek, mgr.inz.; MOBAWSKI, Jerzy
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007-2

Application of automatic control of the voltage of electrofilters.
Wiad elektrotechn 30 no.6:216-217 Je '62.

KORALUN, Marek, mgr inz.; KONKOL, Jerzy, mgr inz.; MORAWSKI, Czeslaw,
mgr inz.

New measuring unit for the automatic control of electrostatic
precipitators. Pomiary 8 no.11:523-525 N '62.

1. Instytut Energetyki, Warszawa.

MORAWSKI, Czeslaw, mgr. inz.; KONKOL, Jerzy, mgr. inz.; KORALUN, Marek, mgr. inz.

Modernization of installations feeding electrostatic precipitators.
Energetyka 16 no.4: Suppl.: Biul Inst. Energ.:13-16 Ap '62.

1. Pracownia Automatyki, Gdansk

MORAVSKIY, Ch.S., inzh.; KORALYUN, M.E., inzh.; KONKOL', Yu.A., inzh.

RNITT-21 automatic voltage regulator. Elek. sta. 34 no.11:74-76 N '63.
(MIRA 17:2)

1. Energeticheskiy institut, Varshava.

"Let us fight for victory in the competition for the Standard of the President of the Republic."

Uhli, Praha, Vol 3, No 6, June 1953, p. 165

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"Miners' Day in the last year of the Five-Year Plan."
Uhli, Praha, Vol 3, No 9, Sept. 1953, p. 242

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"Development of socialist competition is a guaranty for fulfillment of the Plan in 1954."
Uhli, Praha, Vol 4, No 2, Feb. 1954, p. 41

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

KORAN, A.

For further development of socialist competition. p. 113.

Evaluating the inquiry concerning the article "New Method of Exploiting Vast Steep Seams in the Northern Bohemian Brown Coal Mines." p. 116.

USLI, Praha, Vol. 5, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

KORAN, A.

KORAN, A. Initiative in work should be utilized in a better way. P. 319.

Vol. 5, No. 9, Sept. 1955.

UHLI

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956.

KORAN, L.										PROCESSING AND PROPERTY INDEX									
1ST AND 2ND ORDERS										1ST AND 2ND ORDERS									
<p>ONE MACHINERY Vol. 111. - 1951 No. 1, Jan.</p>																			
<p>1. Koran Reviewing the Soviet rotary rolling machine</p>										<p>15 1</p>									
<p>ASB 11.1 METALLURGICAL LITERATURE CLASSIFICATION</p>																			

KORAN, I.

KORAN, I. - The production of machine tools and the international market
for machinery. p. 121
Vol. 8, no. 4, April 1956
Gep - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4, April 1957

KORAN, I.

Some important technical economic factors of seamless tube production. Periodica polytechnica eng 5 no.3:287-297 '61.

(Pipe, Steel)

KORAN, Imre, okleveles gépészmérnök

Purchase price proportions of the main installations of heat power plants. Ipari energia 3 no.3:54-55 Mr '62.

KORAN, Imre

The international competition between diesel engines and gas turbines. Jarmu mezo gep 7 no.8:317-320 '60.

KORAN, Imre, okleveles gepeszmernok

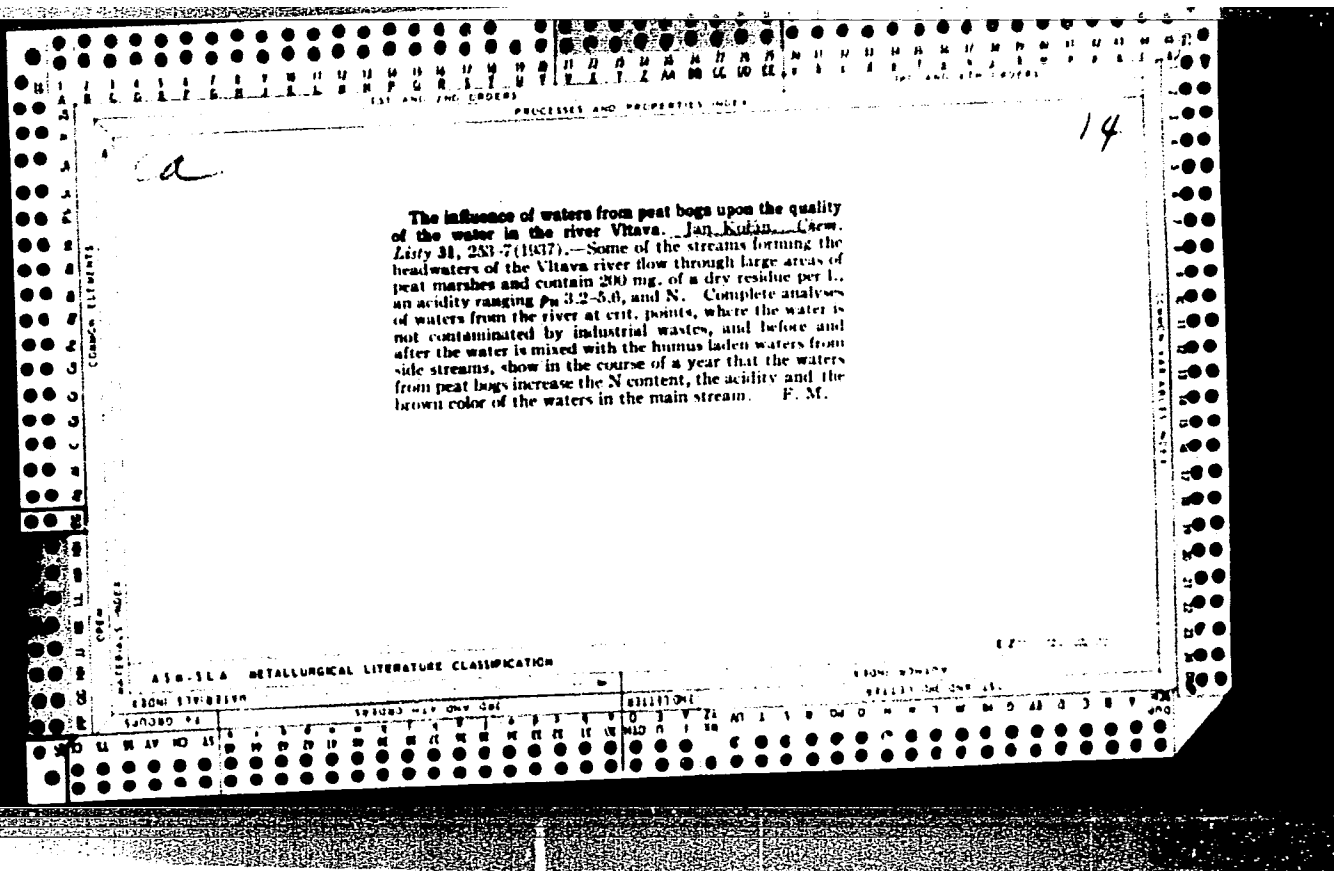
International production and trade of heavy-current installations.
Elektrotechnika 51 no.7/9:388-391 '58.

1. KOMPLEX Kulkereskedelmi Vallalat igazgato-helyettose.

KORAN, Imre, okleveles gepeszmernok

Selection of steam parameters in heat power plants. Ipari
energia 3 no.4:81-82 Ap '62.

1. Hoennergiagazdasagi es Tervezo Vallalat.



KORAN, J.

"Topography of Mining in Czech Lands in Pre-Hussite Times", P. 1, (VESTNIK ,
Vol. 29, No. 1, 1954, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3,
Mar 1955, Uncl.

ACRAN, J.

Production means of Czech industry in the first half of the 19th
century. p. 9.
(SBORNIK PRO DEJINY PRIRODNICH VED A TECHNIKY, Vol. 1, 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

KORAN, J.

KORAN, J. Our mining technique during the period of feudalism. p. 5.

Vol. 2, 1955
SBORNIK PRO DEJINY PRIRODNICH VED A TECHNIKY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

KORAN, J.

The beginnings of our mining schools; the 250th anniversary of the foundation of technical schools.

P. 113, (Rudy) Vol. 5, no. 4, Apr. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

ACCESSION NR: AP4014231

S/0201/63/000/004/0056/0064

AUTHOR: Koran', M. M.

TITLE: Processes of formation of semiconductor films in reactive diffusion in Zn--Se and Zn--Te systems

SOURCE: AN BSSR. Izvestiya. Ser. fiz. tekhn. nauk, no. 4, 1963, 56-64

TOPIC TAGS: semiconductor film formation, reactive diffusion, zinc--sulfide, zinc--selenium, zinc--tellurium, parabolic law, metallographic method, cubic structure, sphalerite type, growth rate, zinc displacement

ABSTRACT: The article gives the results of systematic research in the processes of reactive diffusion accompanying the formation of semiconductor films of zinc sulfide, selenide and telluride, in sulfur--zinc, selenium--zinc and tellurium-zinc systems, wherein reactive diffusion has not hitherto been studied by anyone to the author's knowledge save for his own three articles (jointly with N. N. Sirota) in DAN BSSR, 6, no. 10 and 12, 1962, and 7, no. 3, 1963. He found that the thickness of the film in all three systems increases with the

Card 1/2

ACCESSION NR: AP4014231

time according to the parabolic law. Using metallographic and x-ray methods to determine the composition and structure of the films, he found that the lattices of the compounds thus obtained have a cubic structure of the sphalerite type. The data obtained on the kinetics of layer growth also confirmed the parabolic law of reactive diffusion. Addition of insignificant admixtures of aluminum (up to 1% by weight) results in reduction of the growth rate. By the method of "inert signs" he established that film growth is due mainly to displacement of the zinc through the compounds formed. "In conclusion I regard it as my pleasant duty to express my thanks to Academician M. M. Siratsa of the Belorussian SSR Academy of Sciences for proposing the subject and directing the work." Orig. art. has: 2 diagrams of testing devices, 3 microphotographs, 4 tables and 1 graph.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 03Feb64

ENCL: 00

SUB CODE: CH

NO REF SOV: 007

OTHER: 002

Card 2/2

PRECISES AND PROPERTIES INDEX																										PRECISES AND PROPERTIES INDEX																									
1ST AND 2ND EDITIONS																										1ST AND 2ND EDITIONS																									
<p><i>Operations on a Roberts diffusion battery without waste waters. VIKTOR KOŠAN. Listy Cukrovár. 30, 652-6, 561-3(1932).—Operating runs on a diffusion battery in which the discharge waters were returned to the inflow water are given for the seasons 1930 and 1931. FRANK MARKEN</i></p>																																																			
<p>ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

117 AND 120 PROPERTIES
 PROCESSES AND PROPERTIES INDEX
 120 AND 124 PROPERTIES

Bc

B-3-4

Evaluation of ~~raw~~ raw sugars according to
 their refinement: V. Zacherl (Z. Zuckerind. Cescho-
 slov., 1922, 57, 195-200, 205-208).—A formula
 incorporating all the factors which bear on the evaluation
 of a raw beet sugar for refining purposes is proposed.
 J. P. O.

ASS-56 METALLURGICAL LITERATURE CLASSIFICATION

117 AND 120 PROPERTIES
 PROCESSES AND PROPERTIES INDEX
 120 AND 124 PROPERTIES

1ST AND 2ND ORDERS																									
PROCESSES AND PROPERTIES INDEX																									
<p><i>The disintegration of lumps of refined sugar in a solvent.</i> <i>Viktor Kotkin. Litsy Chikrovar. 52, 213-16; Z. Zuckerind.</i> <i>Technol. Rep. 50, 316-20(1934).</i> - The forms of sugar were placed on a fine-wire mesh and submerged in water; the time required for the mass to disintegrate and fall through the screen was an index of the firmness of the specimen. In poured goods, the surface was the control- ling factor; after the crystals forming the surface disin- tegrated, the rest of the form fell quickly through the sieve. The pressed goods usually fell apart into a no. of lumps which slowly disintegrated. For studying the mechanism, the sieve was attached to the arm of a bal- ance, and the mass of sugar on the sieve detd. during the disintegration. The rate of disintegration was not a function of the mass of sugar used but depended upon the method of formation. The wt.-time curves have the form of a descending sinusoid with a point of inflection at a time when approx. 80% of the sugar has passed through the sieve. For evaluating the characteristics of the sugar forms, both times are recorded, i. e., the time for the appearance of the point of inflection and the time for all of the sugar to fall through the sieve. Frank Marsh</p>																									
<p>ASACSLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									

PROCESSES AND PROPERTIES INDEX																									
<p><i>ca</i> <i>28</i></p> <p>An improvised laboratory drying oven for determining the dry matter in extracted slices. Viktor Kofin, Lisy (L'abouir 26, 272(1930), Z. Zashchit. Tseluloz. Rep. 20, 284. — A sieve 100 mm. in diam. and 36 mm. deep (contg. 8) g. of beet slices fits into a stove pipe 70 mm. high. Over the sieve is a detachable dome with a narrow chimney (13 mm. in diam.). When assembled, the dryer is placed over a 800-watt elec. heater: it produces dry residues in 3 hrs. at 110°. Frank Marech</p>																									
<p>ASB-SLA DETAILING LITERATURE CLASSIFICATION</p> <p>FROM DIVISION</p> <p>SEARCHED INDEXED</p> <p>RECEIVED</p>																									

How the juices move in the apparatus of a sugar factory. Viktor Kuznetsov, *Lesty Chetovnik*, 35, no. 501, 1947.

Using the principle of marked tanks, K. added NaCl to a sep. batch of juice which he passed through an evap. system together with juice from a regular run. By taking specimens from stopcocks at crit. points in evaporators and analyzing the specimens for the Cl concn, K. was able to follow the movement of the sep. batch of juice through the evap. system. On diagrams of three-stage evaporators of heat exchangers, and of satn. chambers he plots the curves (for the rate of flow of juices) at the points where such rates were studied and shows the regular movements of juice, where circulation, stagnation and regular movements occur. Not related to the expt. was the observation that all of the added Cl left the app. completely and was accounted for in the analysis and that some of the Cl which is reported during an analysis of sugar juices is due to causes other than Cl.

Frank Marsh

Frank Marsh

ASB-32A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS										PROCESSIES AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
<p><i>BC</i></p>										<p><i>B-3-2</i></p>																			
<p>Movement of juice in the sugar factory. V. Koran (Z. Zuckering. Czechoslov. 1938, 62, 142—144, 150—152, 158—160).—In order to follow the rate of flow, and the efficiency of circulation, through the apparatus of the beet-sugar factory, NaCl was added to the juices in separate batches and its movement followed by taking samples from stopcocks and determining the Cl⁻ present. Diagrams and curves illustrate the movement of such marked juices in carbonatation tanks, heaters, evaporators, and crystallisers. In the case of a triple-effect evaporator, e.g., the juice is shown to pass through the second section in about 15 min. and through the whole of the apparatus in about 40 min. There was, however, considerable variation in the various results obtained.</p> <p style="text-align: right;">J. P. O.</p>																													
ASD-ELA METALLURGICAL LITERATURE CLASSIFICATION																													
FROM SYNOBOLUS										FROM BOWEN																			
SYNOBOLUS NO.										RELATION ONE ONLY LIST																			
SYNOBOLUS MAP ONLY ONE										RELATION ONE ONLY LIST																			

29

A statistical control of quality. Viktor Kofin. Litsy
 Chislov. 59, 102(1941); cl. C.A. 37, 3904; 41, 6741g.--
 K. presents a sample statistical analysis applied to sam-
 pling of accumulated materials as herbs, juices, coal, or
 sugar and advocates the use of a statistical av. instead of
 an arithmetical one for sugar products. Frank Marresh

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION: 501170

SECTION: 501170

Uninterrupted purification of diffusion juices. Alois Dolnek and Viktor Kotán. *Liuty Cubricar*, 64, 22-41 (1947).--A description of the operation of an app. built by Škoda for the continuous purification of diffusion juices after the first season of its use. It employs the fractional predigestion method of Dolek-Valdátka, the automatic regulation of lime addn., and the Russian continuous satn. process. The report is limited to the economic savings and advantages. Frank Marešh

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSING AND PROPERTIES INDEX																																																			
<p>CA</p> <p>Continuous digestion and saturation. Viktor Kofin Lisy Cabrera. 66, 193-6(1948).--A process difficult to regulate and control is described. Frank Maresh</p>																										28																									
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION																																																			
1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCEDURES AND PROPERTIES INDEX																			
SA										B 64									
621.313.322										b									
<p>50. Development problems in the design of large vertical generators. V. Koran. Elektrotech. Obz., 39, 171-5 (June, 1950) In Czech.</p> <p>Detailed description of the mechanical design of a vertical shaft Skoda generator of 16 MVA, max. 18.5 MVA capacity, 10.5 kV, a normal speed of 125 r.p.m. and a run-away speed of 370 r.p.m. The rotor wheel which weighs 120 tons is built up of small sections; the support of the main thrust bearing is of welded construction with two of the six arms detachable to allow transport by rail.</p> <p>H. Norel</p>																			
<p>ASTM-A1A METALLURGICAL LITERATURE CLASSIFICATION</p> <p>STANDARD DIVISION</p> <p>STANDARD DIVISION</p> <p>STANDARD DIVISION</p> <p>STANDARD DIVISION</p>																			

KORAN, VIKTOR

Czechoslovakia/Chemical Technology - Chemical Products and Their Application.
Water Treatment. Sewage Water, I-11

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62495

Author: Koran, Viktor

Institution: None

Title: Purification of Waste Water of Sugar Refineries

Original

Periodical: O reseni otazky rizkovych vod v cukrovarech, Voda, 1953, 33, No 7-8,
177-182; Czech

Abstract: Reuse of waste water from diffusers is prevented by the presence
therein of sugar (0.15-0.30%) the removal of which is most readily
effected by the acid method of Ionash (conversion of sugar to non-
sugar substances). Duration of treatment 3-5 hours. The presence
of other substances in waste water does not interfere with its re-
use in diffusers after dilution with fresh water without preliminary
lime treatment and saturation with CO₂.

Card 1/1

KORAN, V.

"Substituting nonmagnetic steel for nonferrous metals." Slevarenstvi, Praha, Vol. 2, No. 6, June 1954, p. 173.

SO: Eastern European Accessions List, Vol. 3, No. 11, "ov. 1954, L.C.

KORAN, V.

"Waste water in sugar manufacture." Chemicke Zvesti, Bratislava, Vol. 8, No. 7, Sept. 1954, p. 410.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

Slovenska higher tech school

28

The evaluation of raw sugars. Viktor Kofan. *L'Ind. Chimique*, 63, 1089 (1947). K. favors the formula ($P_w = 5p_w / (6p_w + a) = 5p_w / (5p_w + S_w - P_w)$) which assumes a rendement equal to zero and where p_w indicates the ash in the raw sugar, a is the org. nonsugar in the raw sugar, S_w is the dry matter in raw sugar, and P_w is the polarization of the raw sugar. The formula may be used for sugar solns. as well as for sirups. He shows how the formula can be modified for conditions in which the rendement is not equal to zero.

Frank Mareš

KORAN, V.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Water treatment. Sewage water. I-11

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007-

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12794

Author : Koran V.

Author : Akran V.
Title : Isolation of Filarial Organisms from Industrial Sewage
Water by Filtration

Orig Pub : Anapleické odlučování vláknitých látek z tekutin.
Vodní hospodářství, 1955, 5, No 6, 206-208 (Czech)

Abstract : For the removal of *Oidium lastis* and *Fusarium bulbigenum* from acid sewage water (SW) of alcohol and sugar production, air flotation is proposed. The basic requirement -- formation of air bubbles directly at the organisms being isolated, which permits their removal up to 90-100%. Purification of SW is completed 12-20 times more rapidly than by settling; purification units are of considerably smaller overall dimensions. The supernatant organisms remain at the surface up to 100 hours.

Card 1/1

- 193 -

KORAN, V.

(CZECHOSLOVAK)

KORAN, T.

Notes on the operation of sedimentation tanks. p. 283

VODA (Ustredni sprava vodniho hospodarstvi)
Vol. 35, No. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

KORAN, V. : HAVELKA, K.

The development of the constructional design of an alternator for the hydroelectric power station at Orlik.

P. 459 (Elektrotechnicky Orzor) Vol. 46, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

KORAN, V.

"Hydroelectric-power plants Skoda made by the Lenin Works."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 11, no. 5, May 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

KORAN, V.

"Dynamos for submerged hydraulic turbines."

Elektrotechnicky Obzor. Praha, Czechoslovakia. Vol. 48, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

KORAN, Vladimir, inz.

Tests of new designs of hydroalternators in Lenin Works. El tech
obzor 50 no.10:546-552 0 '61.

1. Zavody V. I. Lenina Plzen, n.p.

(Dynamos)

SEEMAN, Jindrich, inz.; HRBEK, Vladimír, inz.; BERDICH, Kamil, inz.;
KORAN, Vladimír, inz.

Notes on the reports of Seewald, Dockal and Kubik on hydroalternators.
El tech obzor 50 no.10:600-602 0 '61.

1. Ministerstvo paliv a energetiky (for Seeman) 2. Ceskomoravska-
Kolben-Danek Praha, n.p. (for Hrbek) 3. Zavody V. I. Lenina Plzen,
n.p. (for Berdich and Koran)

(Dynamos)

CZECHOSLOVAKIA

KORANOVA, Z.; KORAN, V.; Research Institute of Husbandry Animals (UVUZV), Uhřetěves.

"The Relationship Between Sedimentation and Some Hematological Factors of Bohemian Breed Heifers and their Level of Feeding."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 381

Abstract: The sedimentation coefficient increases slightly during periods of insufficient food supply. The rate of sedimentation is not influenced by the density of the blood, but is influenced by its viscosity. Albumin increases the rate, gamma-globulin decreases it. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

1/1

- 109 -

KORANDA, J.; KOUTNIK, J.; PEER, V.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530007-1

Underground coal gasification. Price Use, p. 105-111, 1962.

Z/037/63/000/001/004/008
E140/E135

AUTHORS: Koranda, M., Pastrňák, J., and Rechziegel, E.

TITLE: Photoelectric recorder as spectrograph accessory

PERIODICAL: Československý časopis pro fysiku, no.1, 1963, 28-30.

TEXT: A brief description is given of a photoelectric recorder using a recording millivoltmeter in conjunction with a Row-Rathenaw FD-S spectrograph. It is intended for spectroscopy work in cases where photoelectric recording is preferable to photographic recording.
There are 3 figures.

ASSOCIATION: Kovohutě, Čelákovice (Koranda, M.);
Fysikální ústav ČSAV, Praha (Physics Institute
ČSAV, Prague) (Pastrňák, J., and Rechziegel, E.)

SUBMITTED: December 30, 1961

Card 1/1

KORANDA, Tomas

Experience with the mixing line operation in the plant 01
Plzen. Prum potravin 13 no.3:127-128 Mr '62.

1. Zapadocesky prumysl masny, n.p., Plzen.

KORANDO, V.A.; KHARASH, V.M.

"Cream separation" by N.N.Lipatov. Reviewed by V.A.Korando and
V.M.Kharash. Izv. vys. ucheb. zav.; pishch. tekhn. no.5:167-168
'61. (MIRA 15:1)

(Cream separators) (Lipatov, N.N.)

KORAN-LANDAU, I. B.

PA 47/49T92

USGR/Medicine - Tumors, Diagnosis Jan/Feb 49
Medicine - Sympathetic Nervous System,
Effect on

"Problem of Tumors of the Cervical Region
Affecting the Sympathetic Nervous System,"
I. B. Koran-Landau, IOR Clinic, Yaroslav
Med Inst, 3 pp (On Rhinology and Laryngology)

"Vest Oto-Rino-Laringol" No 1

Presence of a compact, chronic tumor localized
in the thoracic region can be considered the
result of factors originating in the nervous
system. Frequently these tumors are present

47/49T92

USGR/Medicine - Tumors, Jan/Feb 49
Diagnosis (Contd)

Without any visible symptoms and can be deter-
mined only by histopathological examinations.

47/49T92

CZECHOSLOVAKIA

KORANOVA, Z.; KORAN, V.; Research Institute of Husbandry Animals (UVUZV), Uhreves.

"The Relationship Between Sedimentation and Some Hematological Factors of Bohemian Breed Heifers and their Level of Feeding."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 381

Abstract: The sedimentation coefficient increases slightly during periods of insufficient food supply. The rate of sedimentation is not influenced by the density of the blood, but is influenced by its viscosity. Albumin increases the rate, gamma-globulin decreases it. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

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- 109 -

Korotkiy, G. G.

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124

COLORIMETRIC DETERMINATION OF BERYLLIUM BY
MEANS OF NEW REAGENTS-BERYLLON. G. G. Korotkiy (Moscow All-Union Research Inst. of Chemical
Reagents). Zhur. Anal. Khim. 11, 400-4 (1956) July-Aug.
(in Russian)

Investigations of Beryllon II revealed its indicator prop-
erties and its characteristic color changing from color-
less to blue with the addition of beryllium. It was
found that the color change is reversible and that the
color of the solution is independent of the concentration
of the reagent. Methods have been developed for the determination
of Be²⁺ in the presence of Al³⁺, Mn²⁺, and Mg²⁺.

114

Memostatic effect of ascorbic acid in hematuria. An-
dras Kordányi and Aladár Hentáth. *Orvosi Hetilap*, 79,
378-379 (1935).--One or two doses of ascorbic acid stopped
renal hemorrhage in several cases. In some, the hemo-
static effect was accompanied by changes in compn. of
protein fractions of the blood plasma, while in others there
was no change in the protein. S. S. de Finály

ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

The mechanism of albuminuria *Atsuya Kawanishi, Hiroo Hosoya, MD, 579 81 (1980)* Clinical experiments proved that not pathologic change of the albumin of the blood plasma but an increased permeability of the kidneys is the cause of both nephrotic and febrile albuminuria. Artificial albuminuria could be observed on administration of foreign albumin only if the albumin administered had smaller moles than serum albumin. S. S. de Emaly.

11f

A hormone in the parotid gland that decreases blood pressure. Extrapancreatic calcitonin. Andreas Krawinkel, J. Hans Nieren and H. Rilla Hatz. *Chem. Ber.* 91, 307 (1958); cf. C. A. 51, 397a. In dogs blood pressure is decreased by intravenous injections of human saliva. The active agent is calcitonin. Saliva of parotid gland contains calcitonin, sometimes active and sometimes inactive. The inactive form can be activated by treatment with acetone. One g. of fresh pig parotid gland contains 150 calcitonin units (det. according to Frey and Kraut). The rats lost their activity on being kept at 37° for 1-4 hrs. and were reactivated by treatment with acetone. The cream is produced not only by the pancreas but also by the parotid gland. The former produces exclusively the active variety; the parotid contains also the inactive form. Saliva contains exclusively active calcitonin.

S. S. de Finlay

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS	
<p><i>Ca</i></p> <p>PROCESSES AND PROPERTIES INDEX</p> <p>Curing acidosis of diabetics by means of succinic acid treatment. Andras Koranyi and Albert Szent-Gyorgyi. <i>Orvosi Hetilap</i> 81, 615-18(1937).—Investigation of the combustion phenomena of the cells of living organisms led to the conclusion that administration of succinic acid to diabetics cures the bad effects of acidosis. The agent can be administered as an aq. soln. (10 g. in 400-500 g. water) or in the form of Ca succinate. The daily doses varied from 5 to 10 g.; they can be slowly diminished.</p> <p>S. S. de Finály</p>			
<p>ASO-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>FROM SYMBOLS</p> <p>FROM SYMBOLS</p>			
<p>FROM SYMBOLS</p>		<p>FROM SYMBOLS</p>	

KARSAY, Gyula, dr.; KORANYI, Andras, dr.

New clinical syndrome caused by argentaffinoma. Orv. hetil.
96 no.20:550-552 15 May 55.

1. A Fovarosi Janos Korhas-rendelo (igaszato-foorvos:
Bakacs, Tibor dr.) I. Belosztalyanak (foorvos: Koranyi, Andras dr.)
kozlemenye.

(ARGENTAFFINOMA,

intestine, small, metastases to liver.)

(INTESTINE, SMALL, neoplasms,

argentaffinoma, metastases to liver.)

(LIVER, neoplasms,

argentaffinoma, metastases from small intestine.)

FEKETE, Laszlo, dr.,; KORANYI, Andras, dr.

Two cases of the Mosse syndrome. Orv. hetil. 97 no.2:53-55 8 Jan 56.

1. A Janos Korhas-rendelo (igazgato-főorvos: Bakacs Tibor dr.) I sz. Belosztalyanak (főorvos: Koranyi Andras dr.) közleménye.
(LIVER CIRRHOSIS, compl.
polycythemia vera, Mosse synd., diag. (Hun))
(POLYCYTHEMIA VERA, etiol. & pathogen.
liver cirrhosis, Mosse synd., diag. (Hun))

KARSAY, Gyula, dr.; KORANYI, Andras, dr.

Anticoagulant therapy in Paget-Schroetter syndrome. Orv. hetil.
97 no.37:1027-1028 9 Sept 56.

1. A Fovaroszi Janos Korhas-rendelo (igaszato-foorvos: Bakacs, Tibor, dr.) I. sz. Belosztalyanak (foorvos: Koranyi, Andras, dr.) kozlemenye.
(THROMBOPHLEBITIS, ther.
axillary-subclavian thrombophlebitis, ethyl biscoumacetate
with heparin (Hun))
(ETHYL BISCOUMACETATE, ther. use
thrombophlebitis, axillary-subclavian, with heparin (Hun))
(HEPARIN, ther. use
thrombophlebitis, axillary-subclavian, with ethyl
biscoumacetate (Hun))

KORANYI, Andras, dr.; LORINCZ, Laszlo, dr.; KARSAY, Gyula, dr.;
~~BIKICH, Gyorgy, dr.; FENYES, Imre, dr.~~

Oral sulfonamideurea therapy in diabetes mellitus. Orv. hetil.
98 no.21:537-545 26 May 57.

1. A Fovarosi Tanacs Janos Korhas Rendelo Intezete (igazgato-
foorvos: Bakacs, Tibor, dr.) Belosztalyanak (foorvos: Koranyi, Andras,
dr.) Anyagosere (cukorbeteg) Rendelesenek (foorvos: Bikich, Gyorgy,
dr.) es Laboratoriumanak (foorvos: Hammer, Sarolta, dr.) koslomenye.
(DIABETES MELLITUS, ther.
carbutamide (Hun))
(UREA, related cpds.
carbutamide ther. of diabetes mellitus (Hun))
(SULFANILAMIDE, related cpds.
same)

KARSAY, Gyula, Dr.; KEHLI, Istvan, Dr.; KORANYI, Andras, Dr.

Pathography and therapy of intracerebral vascular attacks with
special regard to ACTH therapy. Orvn. hetil. 99 no.31:1049-1053
3 Aug 58.

1. A Janos Korhas-rendelointezet (igazgato: Tako Jozsef dr.) I. sz.
Belosztalyanak (foorvos: Koranyi Andras dr.) kozlemenye.

(CEREBRAL HEMORRHAGE, ther.

ACTH intravenous drop infusion (Hun))

(ACTH, ther. use

cerebral hemorrh., intravenous drop infusion (Hun))

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; GERGELY, Rezso, dr.

New data on the etiopathogenesis of spontaneous hypoglycemia.
Orv.hetil. 100 no.39:1396-1401 S '59.

1. A janos korhas rendelointezet (igazgato: Tako Jozsef dr.)
I. sz. belosztalyanak (foorvos: Koranyi Andras dr.) es segeszetenek
(foorvos: Gergely Rezso dr.) kozlemenye.
(HYPOGLYCEMIA etiol.)

KORANYI, Andras, dr.; JAKY, Miklos, kandidatus

Arteriosclerosis and fat metabolism. Dietary studies in
arteriosclerosis patients. Orv.hetil. 100 no.51:1828-1834
D '59.

1. A Fovarosi Tanacs Janos korhaz-rendelointezet (igazgato:
Tako Jozsef dr.) I. belosztalyanak (foorvos: Koranyi Andras dr.)
es Horenyolajipari Kutato Intezet (igazgato: Jaky Miklos
kandidatus) kozlemenye.

(ARTERIOSCLEROSIS metab.)

(FATS metab.)

(CHOLESTEROL blood)

(LIPIDS blood)

KORANYI, Andras; LISZKA, Gyorgy; SASVARI, Kalman

On crystalline substances in the vascular wall of the human organism.
Kiserl. orvostud. 13 no.6:603-609 D '61.

1. Janos Korhas es MTA Kozponti Kemiai Kutato Intezet Budapest.

(BLOOD VESSELS ~~chem~~)

KORANYI, Andras, Dr.

On a modern diet for arteriosclerotic patients. Elelm ipar
16 n6.4:116-119 Ap '62.

1. Janos korhaz, I.sz.Belosztaly.

KORANYI, Andras, dr.; HALMOS, Tamas, dr.; KOZMA, Gyorgy, dr.

Experience with a biguanide derivative in the treatment of diabetes.
Orv. hetil. 103 no.22:1029-1032 3 Je '62.

1. Fovarosí Tanács János Korhász, I. Belosztály.
(ANTIDIABETICS ther)

KORANYI, A., dr.

Prophylaxis and treatment of the coronary syndrome. Ther. Hung.
12 no.2:17-20 '63.

1. First Department of Medicine, Municipal Janos Hospital and
Polyclinic, Budapest.

(CORONARY DISEASE) (DIETARY FATS)
(BLOOD CHOLESTEROL) (FATTY ACIDS)
(DIET THERAPY)

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; LOCZKA, Bela, dr.; SALAMON,
Ferenc, dr.; MAJOR, Elenore, dr. chem.

On the pathogenesis of hepatogenic hypoglycemia. Orv. hetil. 106
no.37:1761-1763 12 S'65.

1. Fovarosí Tamas, Janos Korhaz, I. Belosztaly.

KORANYI, A.

Korányi, A. Note on the theory of monotone operator functions. Acta Sci. Math. Szeged 16 (1955), 241-245.

1.F/W

A function $f(z)$ is monotone of arbitrarily high order in $(-1, 1)$ if and only if it is analytic in $(-1, 1)$, can be analytically continued onto the entire upper half-plane, and has there a non-negative imaginary part. Bendat and Sherman [Trans. Amer. Math. Soc. 79 (1955), 59-71; MR 18, 588] proved this theorem of the reviewer.

with the class of functions characterized above as functions monotonic of arbitrarily high order

1/1

KORÁNYI, A.

Korányi, A. On a theorem of Löwner and its connections
with resolvents of selfadjoint transformations.

St. Math. Stud. 1 (1955) 1-10.

Math. Ann. 134 (1956) 1-10.

positive definite in the sense that if $\lambda_1, \lambda_2, \dots, \lambda_n$ are
points of $\Gamma \cap D$ and x_1, x_2, \dots, x_n are complex numbers
then $\sum_{j=1}^n \lambda_j |x_j|^2 \geq 0$ where $\lambda_j = \lambda_j(r)$ for $r \in \Gamma$
if $r = \gamma/(1-\gamma^2)$ for $r \in \Gamma$. It is known (Bendat and Sherman, Trans. Am. Math. Soc. 79 (1955)
24-71) that the class \mathcal{D} is closed under composition.

1-FW

KORANYI, A.

Hilbert space H when necessary and sufficient conditions
that there exists a linear operator T on H such that
operator T is self-adjoint and $T^2 = I$ and T is the projection of H onto
a subspace of H .

3-FW

[Handwritten signature]

3/11/4
MT

KORANYI, A.

16(1)

PHASE I BOOK EXPIRATION

SOV/2660

Vsesoyuzny matematicheskiy s'ezd. 3rd, Moscow, 1956
Trudy. t. 4. Kratkoye sozhraniye matematicheskikh dokladov. Doklady
konferentsii (Transactions of the 3rd All-Union Mathema-
tical Conference in Moscow. Vol. 4: Summary of Sectional Reports.
Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959.
247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii institut.

Rech. Ed.: G.M. Shvachko; Editorial Board: A.A. Abramov, V.O.
Boltyanskiy, A.M. Vasil'yev, S.V. Koshlyakov, A.D. Myshkis, S.M.
Nikol'skiy (Resp. Ed.), A.G. Pukhtin, Yu. V. Prokhorov, K.A.
Shteynberg, P. L. Uspenskiy, V.A. Uspenskiy, M.G. Chetaev, G. Ye.
Shilov, and A.I. Shiranov.

REMARKS: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-
Union Mathematical Conference, held in June and July 1956. The
book is divided into two main parts. The first part contains sum-
maries of the papers presented by Soviet scientists at the Con-
ference that were not included in the first two volumes. The
second part contains the text of reports submitted to the editor
by non-Soviet scientists. In this case, the non-Soviet sci-
entist did not submit a copy of the paper to the editor, the title
of the paper is in italics, and the paper was printed in a previous
volume. References are made to the appropriate volume. The papers,
both Soviet and non-Soviet, cover various topics in number theory,
algebra, differential and integral equations, function theory,
functional analysis, probability theory, topology, mathematical
problems of mechanics and physics, computational mathematics,
mathematical logic and the foundations of mathematics, and the
history of mathematics.

Bisglick, M. (Romania). Problem of the analyticity of
functions of many real variables 183
Ferrer, J. (France). On one determination of the best con-
stant in the theory of differential equations 183
Alekhin, G. (Hungary). On the summability of orthogonal
series 183

Section on Functional Analysis

Bagci, A. (Hungary) and A. Koranyi (Hungary). Operational
methods in the theory of complex functions 184
Orlicz, W. (Poland). Sequences of operations which depend

Card 29/34

KORANYI, Gyorgy

"Veszpremi Vegyipari Egyetem Közleményei." Periodical review
by Gyorgy Koranyi. Kem tud kozl MTA 18 no.1:155-157 '62.

KORANYI, Gyorgy, dr.

Efficiency of technical conferences. ~~Muss~~ elot 19 no.3: 5
30 Ja'64.